CONTENTS OF *FOREST ECOLOGY AND MANAGEMENT* VOLUME 24

VOL. 24 NO. 1 APRIL 1988

Effect of liming and N-fertilization on denitrification and N_2-fixation in an acid coniferous forest floor
H.-Ö. Nohrstedt (Uppsala, Sweden) 1
Aluminium-accumulating species in two forest communities in the cerrado region of central Brazil
M. Haridasan and G.M. Araüjo (Brasilia, Brazil) 15
Recolonisation of rehabilitated bauxite mine sites in Western Australia by mycorrhizal fungi
J.H. Gardner (Booragoon, W.A., Australia) and N. Malajczuk (Wembley, W.A., Australia) 27
Incidence and severity of Botryodiplodia die-back in plantations of *Albizia falcataria* in Kerala, India
J.K. Sharma and K.V. Sankaran (Peechi, India) 43
Estimating fuelwood production and yield in regrowth dry miombo woodland in Zambia
E.N. Chidumayo (Lusaka, Zambia) 59
Dynamics of branch population in the canopy of young Scots pine stands
S. Kellomäki and H. Väisänen (Joensuu, Finland) 67

VOL. 24 NO. 2 JUNE 1988

Budgets of selected cations and anions in two forested experimental watersheds in central Greece
G. Nakos and A. Vouzaras (Athens, Greece) 85
Differential phytotoxic response of cut shoots of eucalypts to culture filtrates of pink disease fungus, *Corticium salmonicolor*
J.K. Sharma, E.J. Maria Florence, K.V. Sankaran and C. Mohanan (Peechi, India) 97
Decomposition of leaf litter in karri (*Eucalyptus diversicolor*) forests of varying age
A.M. O'Connell (Wembley, W.A., Australia) 113
Eucalyptus camaldulensis provenances for afforestation in Mwanza and Shinyanga regions of Tanzania
E. Sabas (Mwanza, Tanzania) and L. Nshubemuki (Mafinga, Tanzania) 127
Genetic effects of phenotypic selection in white spruce
W.M. Cheliak, G. Murray and J.A. Pitel (Chalk River, Ont., Canada) 139

Short Communications

Growth response of eucalypts in the Congo to ectomycorrhizal inoculation
J. Garbaye (Seichamps, France), J.C. Delwaulle and D. Diangana (Pointe-Noire, République Populaire du Congo) 151
Long-term effects of clipping on production and vigor of kermes oak (*Quercus coccifera*)
C.N. Tsiouvaras (Thessaloniki, Greece) 159

Announcements 167
Mass screening of *Prosopis* (mesquite) seedlings for growth at seawater salinity concentrations
D. Rhodes and P. Felker (Kingsville, TX, U.S.A.) 169

VOL. 24 NO. 3 **JULY 1988**

Comparison of seedling containers on growth and survival of *Prosopis alba* and *Leucaena leucocephala* in semi-arid conditions
P. Felker, C. Wiesman and D. Smith (Kingsville, TX, U.S.A.) 177

Short-term effects of hexazinone applications on woody species diversity in young loblolly pine (*Pinus taeda*) plantations
B.R. Zutter (Auburn, AL, U.S.A.) and S.M. Zedaker (Blacksburg, VA, U.S.A.) 183

Agroforestry and decision-making in rural development
P.J. Wood (Nairobi, Kenya) 191

Improving long-term management plans for a forest plantation in Tanzania, using linear programming
G.S. Kowero (Morogoro, Tanzania) and D.P. Dykstra (Flagstaff, AZ, U.S.A.) 203

Letter to the Editor 219

Book Reviews
Forest Soil Management 223
The Colourful History of Rubber 224
Education in Agroforestry 225

Publishers's Note 227

List of SI Units and Conversion Factors to SI 229

Announcements 243

Erratum 244

VOL. 24 NO. 4 **AUGUST 1988**

Forest composition and structure during a 27-year period of observation in an untreated secondary lowland rain forest in southwestern Nigeria
J.A. Okojie (Ibadan, Nigeria), B.E. Borders and B.L. Bailey (Athens, GA, U.S.A.) 247

Photosynthesis, nutrient, growth and soil investigations of a declining Norway spruce (*Picea abies*) stand in the coastal region of northern Germany
J. Krzak, P. Hoang Dong, G. Büttner, A. Hüttermann, H. Kramer and B. Ulrich (Göttingen, Federal Republic of Germany) 263

Increment losses by full-tree harvesting in Norway spruce (*Picea abies*)
H. Sterba (Vienna, Austria) 283

Investment, reinvestment and the social discount rate for forestry
C. Price (Bangor, Great Britain) 293

Guest Editorial 311

Letter to the Editor 312

Book Review
Amazonian Rain Forest 315

Author Index 317

Subject Index 319

Contents of *Forest Ecology and Management*, Vol. 24 323